

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An inkjet printer comprising:

ink cartridges which reserve ink supplied to an inkjet head; ~~and~~

a pressurized air generating device which generates pressurized air supplied to the ink ~~cartridges, cartridges;~~

an air discharge device which discharges air accumulated in supplying paths of the ink with the pressurized air; and

an ink vacuum device which vacuums the ink from the inkjet head, wherein:

wherein the pressurized air generating device comprises a high pressure mode to generate pressurized air at predetermined pressure P1 and a low pressure mode to generate pressurized air at pressure P2 which is lower than the pressure P1,

the pressurized air generating device is adapted to be in the high pressure mode when the air discharge device is used, and the pressurized air generating device is adapted to be in the low pressure mode to pressurize the ink when the ink vacuum device is used, and

the ink is pressurized by the pressurized air generating device at least by a time when a vacuum of the ink is terminated in a usage of the ink vacuum device.
2. (Cancelled)
3. (Currently Amended) The inkjet printer as set forth in ~~claim 2~~claim 1, wherein the air discharge device is adapted to be used while the pressurized air generating device is operated.
4. (Cancelled)

5. (Currently Amended) The inkjet printer as set forth in ~~claim 2~~claim 1, wherein the pressurized air generating device is constituted with an air pump and a drive motor which drives the air pump, and wherein rotational speed of the drive motor is kept at a constant speed and driving time of the drive motor is controlled according to capability of the air pump when the air discharge device is used.

6. (Original) The inkjet printer as set forth in claim 5, wherein the capability of the air pump is determined based on a correlative characteristic between the rotational speed of the drive motor and the air pressure generated by the air pump.

7. (Original) The inkjet printer as set forth in claim 5, wherein the driving time is further controlled according to ambient temperature of the air pump.

8. (Original) The inkjet printer as set forth in claim 5, wherein the rotational speed of the drive motor is controlled according to the capability of the air pump when the ink vacuum device is used.

9. (Original) The inkjet printer as set forth in claim 8, wherein the capability of the air pump is determined based on the correlative characteristic between the rotational speed of the drive motor and the air pressure generated by the air pump.

10. (Original) The inkjet printer as set forth in claim 8, wherein the rotational speed is further controlled according to the ambient temperature of the air pump.

11. (Currently Amended) A maintenance method of inkjet printer comprising the steps of:

discharging air accumulated in ink supply paths of an inkjet printer with a pressurized air generating device constituted with an air pump and a drive motor which drives the air pump; and

vacuuming the ink from an inkjet head of the inkjet printer, wherein:

_____ ~~wherein~~ pressure of pressurized air generated by the pressurized air generating device is set at predetermined pressure P1 when ~~the~~an air discharge process is conducted, and

_____ is set at pressure P2 which is lower than the pressure P1 to pressurize the ink when ~~the~~an ink vacuum process is conducted, and

the ink is pressurized by the pressurized air generating device at least by a time when a vacuum of the ink is terminated.

12. (Original) The maintenance method of inkjet printer as set forth in claim 11, wherein, in the air discharging step, rotational speed of the drive motor is kept at a constant speed and driving time of the drive motor is controlled according to capability of the air pump.

13. (Original) The maintenance method of inkjet printer as set forth in claim 12, wherein the driving time is further controlled according to ambient temperature of the air pump.

14. (Original) The maintenance method of inkjet printer as set forth in claim 11, wherein, in the ink vacuuming step, the rotational speed of the drive motor is controlled according to the capability of the air pump.

15. (Original) The maintenance method of inkjet printer as set forth in claim 14, wherein the rotational speed is further controlled according to the ambient temperature of the air pump.

16. (New) The inkjet printer as set forth in claim 1, wherein a wiping operation is performed after the vacuum of the ink is terminated and while the ink is pressurized by the pressurized air generating device in the usage of the ink vacuum device.

17. (New) The maintenance method of inkjet printer as set forth in claim 11, wherein a wiping operation is performed after the vacuum of the ink is terminated and while the ink is pressurized by the pressurized air generating device.

18. (New) The inkjet printer as set forth in claim 1, wherein pressurization of the ink is terminated when a predetermined time period has elapsed since the vacuum of the ink is terminated.

19. (New) The maintenance method of inkjet printer as set forth in claim 11, wherein pressurization of the ink is terminated when a predetermined time period has elapsed since the vacuum of the ink is terminated.